ERRATA

NIST Technical Note 1330 (July 1989)

Optimum Location of Flow Conditioners in a 4-Inch Orifice Meter

by

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Page 36, Figure 35, line 2: change Configuration 14 to Configuration 15

Page 37, Figure 36, line 2: change Configuration 15 to Configuration 16

Page 37, Figure 37, line 2: change Configuration 14 to Configuration 15

Page 38, Figure 38, line 2: change Configuration 15 to Configuration 16

Page 40, Figure 42 should be replaced with:

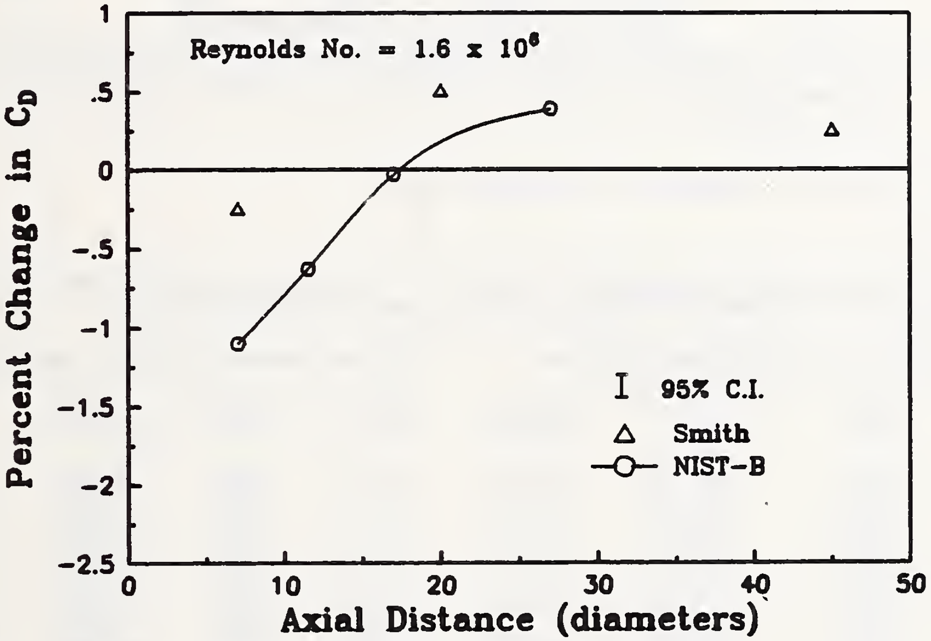

Figure 42. Percent change in the discharge coefficient as a function of the axial distance for the 0.73 beta ratio plate ($Re_D = 10^6$).

Page 42, Figure 46 should be replaced with:

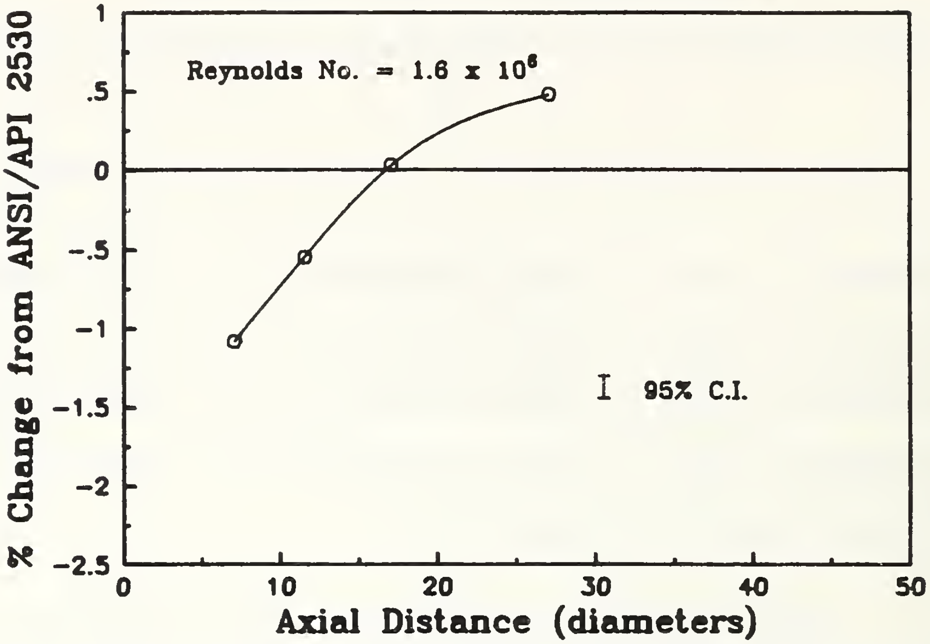

Figure 46. Percent change in the discharge coefficient from ANSI/API 2530 as a function of the axial distance for the 0.73 beta ratio plate (Re_D = 10^6).

Page 68, Table B.45 should be replaced with:

Table B.45 **Measured and calculated quantities for the 0.73 beta ratio plate with the in-line tube bundle at the elbow and 17 diameters from the orifice plate (configuration 14).**

Pipe Diameter = 10.368 cm (4.082 in) Orifice Diameter = 7.6177 cm (2.9991 in)

Run ID	Pressure MPa	Temperature (K)	Density (kg/m^3)	Dif Press (kPa)	Flow Rate (kg/s)	Pipe Reynolds No.	C	CY$_2$
46080488- 1	3.8567	288.08	45.45	3.692	1.8890	1281100	0.6023	0.6024
46080488- 2	3.8671	287.89	45.60	3.715	1.8926	1283900	0.6006	0.6007
46080488- 3	3.8653	288.19	45.53	3.705	1.8917	1282400	0.6015	0.6016
46080488- 4	3.8015	287.58	44.88	4.761	2.1233	1442700	0.5999	0.6000
46080488- 5	3.8094	287.58	44.97	4.788	2.1319	1448400	0.6000	0.6001
46080488- 6	3.7308	287.52	44.05	5.569	2.2721	1545300	0.5991	0.5992
46080488- 7	3.7278	287.54	44.01	5.564	2.2688	1543000	0.5988	0.5989
46080488- 8	3.9166	288.09	46.15	2.701	1.6309	1105200	0.6034	0.6034
46080488- 9	3.9087	288.03	46.07	2.723	1.6341	1107700	0.6026	0.6027
46080588- 1	3.8357	287.94	45.22	3.625	1.8587	1261300	0.5996	0.5997
46080588- 2	3.8378	288.22	45.20	3.624	1.8575	1259600	0.5994	0.5995
46080588- 3	3.6591	287.01	43.29	5.903	2.3203	1581400	0.5995	0.5996
46080588- 4	3.6699	284.11	43.90	5.839	2.3213	1593200	0.5988	0.5990
46080588- 5	3.9005	288.13	45.96	2.636	1.6054	1088100	0.6025	0.6026
46080588- 6	3.8956	288.03	45.92	2.637	1.6016	1085800	0.6011	0.6012
46080588- 7	3.7808	287.50	44.65	4.596	2.0814	1414800	0.6001	0.6002
46080588- 8	3.7825	287.48	44.67	4.575	2.0782	1412700	0.6004	0.6005